

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: moyle@essc.psu.edu (Alfred M. Moyle)
Subject: [4457] 40-9er pieces parts
Message-ID: <9602191418.AA20272@seismic.geosc.psu.edu>

I'm collecting up the parts to build my 40-9er and have managed to get the most vital bit ... an Altoids box. Actually, the mints aren't half bad either. Would any of you kind folks (notice how I'm buttering you up first?) ... would any of you kind folks be willing to sell me a J309 FET or two, so I don't have to make Newark's \$25 minimum order?

Al Moyle N3KFL

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Wayne Barnhart <wayneb@on-ramp.ior.com>
Subject: [4446] 49er
Message-ID: <Pine.LNX.3.91.960218214652.1085A-1000000@on-ramp.ior.com>

I feel a bit displaced here. I have been following the thread on the 49er but still don't really know what it is or how one goes about getting the schematics.

Also saw a reference on a QRP club (as if I don't belong to enough of 'em now). Is this the NorCal group? Don't have any information on it.

Working on the NW8020 at the moment but will be looking for a 40M rig soon so I be intersted.

This is my second attempt at a post on this subject. I think my last one went off to bit heaven as it didn't seem to come through. This time I go both direct and through the list. Long live E-mail :)

Wayne WB7WHI
Spokane Wa.

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Wayne Barnhart <wayneb@on-ramp.ior.com>
Subject: [4484] 49er
Message-ID: <Pine.LNX.3.91.960219184932.6330C-1000000@on-ramp.ior.com>

Thanks to all those who responded about my 49 question. Now I be in a fix. To many radios to build, so little time.

73's

Wayne WB7WHI
Spokane, Wa

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: rossi@VFL.Paramax.COM (Pete Rossi)
Subject: [4469] ARRL DX CONTEST - QRP REPORT
Message-ID: <9602191853.AA09654@gvlf6-a>

Managed to get on for a grand total of about 4 hours. Even with the bad conditions (never heard 15 so bad before and nothing at all on 10 meters except for 2nd harmonics of some of the local big guns on 20) I was surprised how well my 5 watts could get through a pileup every once in a while.

40 meters was fantastic from about 2200-2300Z on Saturday. Just picking them off one after another. Anyway, not much of a total score for only about 4 hours.. but here it is..

ARRL INTERNATIONAL DX CONTEST 1996

Call: WA3NNA	Country: USA
Mode: CW	Category: Single Op/QRP
	Section: EPA

BAND	QSO	POINTS	COUNTRIES	
80	1	3	1	
40	24	72	17	
20	24	72	17	
15	12	36	8	
10	0	0	0	
=====				
Totals	61	183	43	7,869

Rig : 5 watts + dipoles and inv-vees.

This was my first time trying one of the major DX contest running QRP. If conditions had been a little better and I had just a little more time to get on (I missed prime time for Europe on 20 -- and I don't think there

ever was a really good European opening on 15) I am sure I could have made considerably more QSOs..

Biggest secret to success is knowing when/what to call and when to give up.

Surprised at the number of stations who apparently did not have receivers! They called CQ over and over with no answers, yet I could not get through. But there were others I got through with one call just like running QR0 :-)

Was a little disappointed with 80 meters. Heard lots of stuff calling CQ but I simply could not get through. Managed to work only 1 "G" on 80 and that was it.

Worked a PY on 15 who was also running 5 watts! Had a nice signal and a good pileup after him.

Haven't decided yet if I want to try the SSB portion QRP or not...

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)
Valley Forge Engineering Center - Paoli, Pennsylvania

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Bill Acito 19-Feb-1996 0836 <acito@asdg.ENET.dec.com>
Subject: [4453] ARRL DX CW
Message-ID: <9602191349.AA17211@us1rmc.bb.dec.com>

Finally, an operating report from me. :-)
Also had great success this weekend. I've included my .cty file from CT to list off countries worked. Despite the conditions over the past week, they weren't bad this weekend. About 50 Q's, 15 split between 15 and 40, most on 20. Just over 7000 points, if that matters.

Ran my TS-130SE, 5w (by my WM-1), JNC NIR-12, and a Butternut vertical. Had CT and a greyline program running on the PC.

Found out on the second day that I ran most of the contest with only one of my 6 tuned radials connected (always use loop crimp-on connectors, not open spade :-). No wonder none of my tuner presets were on.

Ran about 8 hours total. Heard and almost worked the JA's and the KH6CC (he could only get single letters from me (e.g. qrz g?).

Weirdest calls heard... AH0/K7UG (Alaska), HAM6DX (worked him)
 Fastest QSO... about 38wpm by the KC-1 keyer speed inquiry
 (took me 10 or 15 QSO's beforehand to figure out what his call was)

b

(you'll need a non-proportional font to see this)

COUNTRIES WORKED - WITH CALL OF FIRST STATION WORKED

CALL: KC1GS TITLE: ARRLDX96 MODE: CW CLASS: SO Sun Feb 18 23:24 1996

PRFX	160	80	40	20	15	10
DL				DL4RDJ		
EA				EA7DPU		
EI				EI7M		
F				TM5X		
FS				FS5PL	FS5PL	
G				G0IVZ		
GM				GM3POI		
HA			HG3DXC	HAM6DX		
HC					HC3SL	
HR				HR6/N4MO		
I			IK0HBN	II2X		
KP4				KP4VA	KP4VA	
LA				LA20		
LU				LU4FM		
T7				9A1A		
OH				OI8LC		
ON			ON4UN			
PA				PA6A		
PJ9			PJ9C			
P4			P49V	P40R	P40R	
SP			SP1P			
TI				TI1C		
TU			TU5A	TU5A		
UA				RW1ZA		
UA2				RW2F		
V3			V31EV	V31EV	V31EV	
VP2E				VP2EN	VP2EWW	
VP5				VP5JP		

VP9
XE
YU
ZF

VP9MZ
XE2EBE
4N0AV
ZF2NE

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS ... qrp-ne ... qrp-l ... qrp-arci ... norcal ... arrl life ...

From qrp-l@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: bkmak@airmail.net (Bob Kmak)
Subject: [4474] ARRL DX TEST QRP
Message-ID: <199602192349.RAA13533@server.iadfw.net>

Guys,

Well, I woke up VERY early Saturday morning (3AM) with a slightly upset stomach. Too many hot peppers the night before. Anyway, I could tell I wasn't going to go right back to sleep, so I thought I'd go see what was shakin' on 40 meters.
It was great! The big Carribbean stations were still coming in, like Friday night, but there weren't nearly as many U.S. stations trying to work them. I managed to work about 15 in the space of an hour and a half. Then I went down to 80 meters, and worked another 5, in about an hour. As the sun came up, I went up to 20 meters, and had some fun there too, although it wasn't as good as 40 at 4 a.m.

Somewhere along the line, it occurred to me that I should just program my standard response "TU 5NN TX BK" into one of the memories of my Super Keyer III. Even I get a good idea once in awhile ;-). That made it a lot easier. I hardly used my paddle at all after that, except to repeat info when asked. I was very impressed with the effort a lot of the DX stations put into copying my pip-squeak 5 watts.

Even more amazing to me was the ability of KW dx stations to copy me on 15 and 20 meters, even as I struggled to hear their signals in the sometimes poor band conditions. Their receiving antennas must be a LOT better than mine.

About 1 in the afternoon I figured it was time for bed, had a Shiner Bock and went to sleep.

Sunday wasn't nearly as much fun (I slept later), having already worked the easy ones. Working the European stations was a lot harder, but I stuck with it until about 3 in the afternoon. Overall, my first ARRL DX contest was quite an experience.

Rig: Yaesu FT-101E turned down to 5 watts.

Ant: 135' dipole fed with ladder line up 30'
homebrew 20 meter vertical, strapped to chimney

Bands: 80, 40, 20, 15 QSOs: 87 MULT: 78 Time: 24 hours

73,

Bob
KC5RAS

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Russ1031@aol.com
Subject: [4481] Beavers and the Art of QRP
Message-ID: <960219210705_148423991@emout05.mail.aol.com>

When I moved to Oregon five years ago, I decided to quit my old ways. No more meat fishing; I would faithfully fish with flies. I would exercise every day. I would become a QRP purist and stop damaging the environment with towers, wire and aluminum.

I've kept the QRP vows better than some others. Five watts seem like plenty now. And all of my antennas are cunningly installed in trees. The most environmental correct antenna (stacked tribanders) is installed in a gigantic Douglas fir, surrounded by other behemoths. Around here, it is referred to simply as the "Antenna Tree."

Beavers, however, are threatening my spiritual growth. Every winter, beavers escape the McKenzie River and take refuge in my pond. Beavers, it turns out, are not cute, agreeable animals. A beaver is not happy unless its cutting

something down.

In the past, beavers were not all bad, because they gave me an excuse to call Ennis Nestle, a retired trapper who lives in the neighborhood. Ennis and I have never actually trapped a beaver, but he tells the most wonderful old time stories.

To give him credit, Ennis did conceive of the one anti-beaver strategy that worked. Beavers hate human scent, particularly the scent of human urine. Several years ago, when the beaver problem was acute, Ennis asked me if I had a good supply of boys. All you need, he explained, is to send a group of boys out into the woods, with instructions to pee in the beaver's pathways. It so happened that my kids and their spouses were visiting for the holidays, so I had access to an excellent supply of boys. It worked perfectly.

This year, however, the beavers have arrived after the holidays. Worse, the floods this year have turned the area around the Antenna Tree into an extension of the pond. Every morning, I see evidence that the rascals are chewing their way straight toward the very heart of my QRP quest. Normally, a Douglas fir of this size is more than the average beaver wants to tackle, but just last week they did in a 30 foot bigleaf maple.

I've thought of posting a notice at the Vida store, saying that boys are wanted and giving a brief synopsis of the mission. I'm not confident, however, that the locals would understand.

So, every night I toss and turn, with the sound of munching in my head. This is not the best of times.

Russ Carpenter, AA7QU, McKenzie River, Oregon

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Bill Acito 19-Feb-1996 1110 <acito@asdg.ENABLE.dec.com>
Subject: [4462] Butternut HF6V (old version?)
Message-ID: <9602191613.AA27061@us1rmc.bb.dec.com>

My performance this past weekend may have been more amazing than I thought...

Does anyone have an old (+10yrs) HF6v that has no 40m cap, and the 40m and 80m coils are _not_ connected end to end (like mine)?

The original owner may have really jury-rigged this one, and I've been too blind or stupid to notice it. (I've already called Butternut; they say the design has always been very consistent)

b

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS ... qrp-ne ... qrp-l ... qrp-arci ... norcal ... arrl life ...

From qrp-l@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [4468] CQC Sprint (Longish)
Message-ID: <960219173140_75230.1405_HHB65-1@CompuServe.COM>

Just a reminder that the CQC Winter QSO Party is NEXT SUNDAY. This message contains a few comments, summary rules, and email CQC application form. Again I hope everyone will get on and at least hand out a point or two, even if not entering.

Three things to note:

(1) CQC members are worth extra points, so if you haven't joined, you may want to do so. You should anyhow, because at \$10 per year including the subscription to Low Down, it is one of the last bargains around. Here's the good news-- fill out the form appended to the end of this notice and mail it with your check as indicated. Then EMAIL a copy of the form to cqc@aol.com, along with a statement that your check is in the mail, and CQC Prez. Rich (WOHEP) will issue your CQC number BY RETURN EMAIL.

(2) There's been some confusion over using first names a multipliers. That's what the rules say, but it might be simpler to thing First Initials. First Initials of op names are multipliers, one for each unique letter.

(3) My own product M*LOG can indeed be used for the CQC sprint-- or any other contest-- assuming you have a DOS compatible computer. And you still have time to get THAT too, at \$34.95 (plus \$5 for priority mail) if you have a credit card and call 1800-238-8205. For those of you already using it, use realtime mode and put the first initial into one of the user fields, spc into another.

Run the confirmation reports any time to tell you how many multipliers you have.

Colo. QRP Club Winter QSO Party 1996

Summary Rules

Date/Time: 2200 UTC February 25 to 0359 UTC February 26, 1996
Sunday evening local time (United States)

Exchange: RS(T), State/Province/Country, First Name, and Member # if CQC member, power output if not, ie: 579 CO Jim NR 04

Suggested frequencies (No WARC bands)
CW 1825, 3560, 3710, 7040, 7110, 14060, 21060,
21110, 28060, 28110
SSB 1910, 3985, 7285, 14285, 21385, 28385

Classes: Single Band, Multi-band, Novice/Tech

QSO Points:
CW- CQC member 6 pts, non-member 4 pts
SSB- CQC member 3 pts, non-member 2 pts

Multiplier: States/Provinces/Countries worked.
The same station may be worked on different bands for additional QSO points and multipliers. Contacts on the same band using a different mode counts for QSO points, but not as an additional multiplier. U.S. and Canada do not count as separate countries.

Names: First Initials of operator names. One first name per letter of the alphabet. Name must be same as Callbook or QSL card.

Score: Total Score = QSO Points x Multipliers x Names
Submit logs within 30 days of contest

Power: Stations must use 5 watts or less output, CW or SSB. There are no power multipliers.

Awards: To Be Determined, Highest Score in each class

For sample Log, and Name sheets, send SASE one unit postage to:
Jim-KG0PP-CQC Contest; P.O.Box 31575; Aurora, CO 80041-0575

Colorado QRP Club

Our dues are \$10.00 per year. Additional family members at the same QTH are \$2.00 each. If you are using the Email membership application, send with

check to Colorado QRP Club, Box 460101, Aurora, CO 80046-0101. EMAIL a copy of the application, with statement that check is in the mail, to cqcaol.com for immediate issue of membership number.

Call:

Class:

Name:

Address:

City/State/Zip:

Phone:

Fax:

Packet Address:

Email Address:

Member of: ARRL?

Other QRP clubs:

Occupation:

QRP: Active? Inactive? New to QRP? Interested in QRP?

QRP Equipment used:

Bands operated:

Interests:	Technical?	Operating?	DX?	Contests?
	Construction?	Portable?	Mobile?	QRPP?
	VHF/UHF?	Digital modes?	Antennas?	Other?

Signature/Call:

Date:

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [4456] Dayton Banquet, where to send checks?

Message-ID: <Pine.3.89.9602190920.A26316-0100000@w3eax.umd.edu>

I seem to have forgotten where I put the address...anyone have it handy?
Also, to sign up for 4 days in May.

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
*** VHF @ <25w, HF @ <5w *** Who says Morse Code is dead? ***
Stuck at 138 cfd with dipoles - QRP-L, QRP ARCI, DXCC/WAS/WAC
72/73 de Suburban DC 301-549-1022 h / 301-982-1015 w dit dit

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [4460] DOS Ham Programs
Message-ID: <199602191538.IAA07391@lynx.csn.net>

There was recent post on a disk kept and put out by a VE ham of amateur
software. I have lost the address, any help?

72, Bob KI0G
QBF? ZUE

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Mill.Moore@VALLEY.NET (Mill Moore)
Subject: [4461] DX Context Results
Message-ID: <653137@hanover.VALLEY.NET>

In between family commitments I was able to generate a little free time to get
on 40 meters for a single-band entry in the ARRL DX Context this past weekend.

Using my recently-built OHR Explorer II (3 watts) to a 200-foot long wire at 50
feet, I worked 26 stations in 21 countries (16 in Europe and 10 in the
Caribbean/South America) for a total of 1,638 points.

The big one that got away was TU5A in Ivory Coast--the only African station I
heard. Though he wasn't attracting much of a pile-up on either of the two days
that I heard him I simply wasn't able to get his attention.

The contest was great fun, and I'm looking forward to soon having a 20 meter transceiver so I can participate on a second band and add more to my QRP countries-worked total.

72/73,
Mill, AA1PB
Hartland, Vermont

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: flanders@GroupZ.net (Jerry Flanders)
Subject: [4445] famous W1FB/8P6EU qrp 20 mtr tranciever
Message-ID: <199602190452.XAA75428@nss2.CC.Lehigh.EDU>

/Yesterday I attended the Traverse City Swap.As I was looking around not
/interding to buy anything I saw W1FB/Doug Demaw sitting at his table with
/some goodies for sale.You can imagine what kind of thing Doug would have
/for sale.I noticed a nice little rig sitting there.And here I am a qrp'er
/without a real qrp rig.Somewhat a ts440-2 turned down to 5 watts just
/doesn't seem like qrp.Anyway,Doug has 2 nice qrp rigs for sale at very
/attractive prices.I bought his now famous W1FB/8P6EU qrp 20 mtr
/tranciever for 45 bux!

=====
Hi, Phil

I worked Doug at 8P6whatever in the '70's. I didn't recognize his 8P6 call at that time, but when he gave me his stateside call, I recognized him from his QST fame (it was not w1fb then). He told me he was using a new solid state QRP rig that would be published in QST in a couple months. Very strong signals, and his vertical was practically over the ocean - excellent ground conductivity, I guess. That was the first time I observed the effect of salt water ground on signal strength, and remember how strong he was.

I guess yours is the rig he was using for that contact (although there might have been several other rigs he also developed for articles back then).

Jerry W4UKU flanders@groupz.net

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: jsbraun@vivanet.com
Subject: [4454] FS: TenTec Argosy II w/power supply
Message-ID: <9602190850.aa26579@vivanet.vivanet.com>

I have for sale a TenTec Argosy II (model 525D), which is in "mint" condition. It is fully loaded with all options installed. Includes matching TenTec power supply #225, DC power cord w/breaker, manual and docs, and I even have new in the box a Faceplate, and VFO rebuild kit (these items were purchased for a rainy day).

Radio has (2) mods performed which are both reversible, and has not altered the radio's stock appearance: RF gain mod, which was done and uses a dual ganged pot which replaced the original AF control (and original Argosy knobs were used so it looks factory). And the other mod is the use of (2) Xtal filters one for CW (500hz- marked #48036) and one for SSb (I believe it to be the 1.8khz- marked #48037) both installed in such a way by the use of a wafer switch mounted on the back of the mode switch that it positions in the proper Xtal filter for that mode (nice because as it comes stock you can use only one Xtal filter at a time, you would have to open the radio and remove one to install the other).

The other options installed are as follows:

#224 (Audio CW Filter)

#223 (Noise Blanker)

#1126 (T/R Relay Board, for use of a Ext. Amp)

and What appears to be a 4 pole SSb Filter marked #8235

I have never taken this Argosy II outside of the shack, and it has always been well taken care of. The QSK on this transceiver is by far the best I have ever used.

I am selling this Tranceiver because I wanted something to use for Field Days and mobile, And I can not bring myself to take a chance with this Argosy II poss. getting damaged.

So I purchased a TenTec Argo 556 for that type of use.

I am asking \$550 for the package.

If interested I can be reached at (716) 367-9826

or via e-mail at: jsbraun@vivanet.com

Thanks / 73's

de Scott

KB2GWF

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996

From: "Brian L. Lewis" <76500.1621@compuserve.com>

Subject: [4476] Homebrew xmtr, next step

Message-ID: <960219235847_76500.1621_HHE34-3@CompuServe.COM>

Thanks for all the help with the "Low pass filter" for my first homebrew project (40 meter xmtr from scratch). The suggestions were great and I solved the problem of the harmonics. The xmtr out put now is about 100-200 mw.

My next couple steps are as follows.

First, a T/R switch which I can hook up to one of my HF rigs (Knwd 520 or 850). I still need to use the HF rig for a rcvr for the time being. I understand this switch can be made QSK fairly easily. Some of the circuits I have seen are fairly simple. However, I do worry about RF getting back into my rcvr. I now use a manual switch and my rcvr still picks up the signal full scale. Can I create a QSK/TR switch that will also mute the rcvr? I do not see any rcvr muting inputs on my HF rigs. Can I simply activate the SEND (PTT) switch (in CW mode) to mute the rcvr? Of course, without pressing the key. Is there another way? Any suggestions welcome.

Next, is a VXO to bend this crystal a little bit. Now it is stuck on 7.040. I have seen a couple of diagrams, one using varactor diodes. Any suggestions on a simple solution to get 4-6 kc of bandwidth.

Thanks again for all of your help!

Brian L. Lewis
N50CD
Shreveport, La. (32.26.07n / 93.42.58w)
76500.1621@compuserve.com
19-Feb-1996 17:38:18 CST

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [4471] J309 alternatives
Message-ID: <199602192008.MAA24814@interval.interval.com>

Al, it may be easier to find the 2N5484. What's required is a JFET with a very low pinch-off voltage. The J309 has much higher transconductance, but that isn't important here.

The voltage at the output pins of the '602 is only 3.7V due to running the '602 off of 5V. The J309 and 2N5484 have a pinch-off of 3V or less, so they'll work as switches here. When the gate is pulled below pinch-off, the JFET looks like a 10M ohm or greater resistor, which does a good job of muting the AF amplifier.

If necessary, you can hand-pick from other JFETs, including 2N5485 ($V_p = < 4V$) and the 2N4416 ($V_p = < 6V$). You can frequently find one that has a V_p of $< 3V$.

Avoid the MPF102 here ($V_p = < 8V!$).

73,
Wayne
N6KR

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: bfollett@ditell.com
Subject: [4472] J309 Alternatives - A source
Message-ID: <199602192204.PAA15799@orion.ditell.com>

40-9er's:

Wayne B. posted about substitutes for J309s. Rather than substitute, order them, and NE602s from DC Electronics in Scottsdale. Their number is 1 800 467 7736.

Iam a satisfied customer. (they also carry TenTec cases)

73, Bob

Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 Home Office E-mail: bfollett.ditell.com

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: [4485] Monday Nite Fox Report
Message-ID: <960220032325_74740.3166_EHB99-1@CompuServe.COM>

Wow! Some truly gruesome conditions tonight. It started off okay, but deteriorated rapidly. The band was noisy and some of the static crashes were awesome. I could sometime hear stations in there, but the static covered them up. All QSOs were on or about 7.040. Here's the log:

UTC	STATION	SENT	RCVD	COMMENTS
0103	WA9PWP	549	459	WI
0104	NZ4I	569	579	VA RANSON
0108	W3PM	339	329	GENE
0111	WB0WQS	569	569	MO KELLY 5 Watts
0119	W6ZH	559	429	CA

[A real long dry spell here - started to wonder if my rig was working!]
0140 WB4GKA??? (Sorry, couldn't pull you out)
0149 WA9PWP 559 459 Paul (DUPE)
0210 W00Q 449 559 C0
0218 W5HNS 559 (Lost him)
0223 AB5AA 449 449 OK K1???
0228 W5HNS 559 539 TX Henry (Got him!)
0232 K5UP 549 229 OK
0236 N6MM 449 339 CA
0241 AK5B 579 339 TX (Best signal tonight!)
0253 KK5R0 549 339 OK Vernon
0257 AB5UA 449 339 OK

The rig here was an Explorer II at 3 watts. The antenna was a temporary 1/4-wave wire (sloped out from a second story window) with a homebrew tuner (see the next MI QRP Five Watter Newsletter) and a 1/4-wave counterpoise wire run around the baseboard of the room. (The California QSOs always amaze me with this jury-rigged setup!)

Thanks for everyone who tried to reach me. My apologies to those I missed. I'll be travelling for a few days, so if I made some mistakes, let me know and I'll straighten things out when I get back.

73, Craig WB3GCK

From qrp-l@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)
Subject: [4444] QRP ARCI History
Message-ID: <1996Feb18.233306.21096@abs.net>

In private mail recently, Harvey Hetland, N6MM (ex-WA6KZI), said, "...Your comments that the QRP ARCI started in 1961 as a group of amateurs volunteering to run 100 watts input or less caught my interest. Being new to modern QRP activities I have not yet figured out too much about the QRP ARCI and G-QRP groups. I was, however, a member of a QRP Amateur Radio Club in 1961 that started with James R. Perry, K4WVX (in Florida if my memory is correct). I was member #51 of that group. Is the QRP ARCI the same group?"

I'll answer this publicly since others might be interested in a bit of QRP history. Yes, it's the same club in some ways, but it's now a "QRP" club. It was originally started up by the late Harry Blomquist, K6JSS, with the idea of voluntarily limiting power to 100 watts to reduce QRM on the bands and make ham radio more enjoyable. (Hams used input power in those days, not output like we do now.)

The name then, as now, was QRP Amateur Radio Club International. The goals were laudable, although it was not what we'd consider a QRP club nowadays. (Don't forget that the term "QRP" actually refers to a reduction of power, not a specific power level, although common usage of the term now usually refers to power levels of 5 watts and below. The name and goals of the club were in harmony with the definition of the term.)

A number of people joined up when they heard the name with QRP in it and were disappointed when they found that it was not a true low power club. Many of them left, some stayed around. I was one of those who stayed around, although my primary interest was in "real QRP", with small, simple radios, etc. We were a barely tolerated lunatic fringe in the QRP ARCI, and the QRP Quarterly of that era had only rare tidbits on the subject.

I joined in 1967, with number 2706, and stayed around until I left ham radio in 1970 when I joined the Air Force. However, I did do my part for true QRP in those few years. I was on the Board of Directors in 1969 and 1970, I think it was. Except for the 1000 Miles per Watt award, which was in existence for some time already, the club awards (QRP DXCC, QRP WAS, QRP WAC, etc) were all for achieving those goals with 100 watts (input) or less. I proposed an additional award for working states (starting at 20) with 5 watts or less. The other BoD members agreed quickly, and I designed the certificate, wrote the rules, etc, and got one of the early awards myself.

In those days, the QRP ARCI also had Call Area Representatives, and I volunteered to be the one for the 8th district. Since my mother was doing the bulletin every week at church I had access to a mimeograph machine, so I started putting out an 8th district QRP ARCI newsletter called QRP/8 (every 2 months, I think). It was just another little newsletter except for one thing--since almost the very first issue I included a section which I called the QRP Corner, dedicated to news and projects of "true" QRP. After a while, Ade Weiss, W0RSP (K8EEG/0 at the time) stumbled across a copy and went through the roof when he saw the QRP Corner--he found out he wasn't crazy, and he wasn't alone--there were OTHER people happily working with a handful of watts just like he was!

He immediately proposed that we chuck the QRP ARCI part and convert it into a 100% QRP journal, since the QRP Corner was why most of the people were subscribing in the first place. He suggested a name change, and I liked his idea of The Milliwatt: National Journal of QRPp. He took over the printing at the U of SD where he taught (and still does) and the rest is history. Ade did the bulk of the work on the new magazine himself, and I handled the subscription end. Even

while I was still there he did all of the publishing work, and Ade deserves the credit for the vision that produced The Milliwatt out of QRP/8.

Although the total run of The Milliwatt was 33 issues, I left after 4 issues to join the Air Force, which was an attractive alternative to being drafted into the Army while Viet Nam was still hot. [I say that every time I talk about The Milliwatt, but the truth of the matter is that while my student deferment had ended, I could have easily renewed if I had chosen to move over to the 4 year university and finish off an engineering degree. I was in the first year of the draft lottery, in which they picked capsules with birth dates from a drum, with the first hundred or more guaranteed to be drafted, and depending on where you lived you weren't reasonably safe unless your number was somewhere in the 200's. Mine was 361! Needless to say, since a large number of people "voluntarily" enlisted in USAF because they were about to get drafted into the Army, and not too happy about it, I didn't advertise my lottery number much!]

Somewhere around 1977 or so, Tom Davis, K8IF (ex WB2TEN, a long time true-QRP stalwart) was president of the QRP ARCI and he proposed that it abandon the 100 watt focus and convert itself into a true QRP club, at the five watt level. Naturally this raised howls of protest from the Old Guard, but over a year or so he managed to slowly and diplomatically pull it off. The new focus of the QRP ARCI became "true QRP" and all vestiges of the 100 watt limit were eventually eliminated. The club was now dedicated to people who loved playing with flea power, although they could "legally" run higher power at any time, for any reason whatsoever (DX, nets, traffic work, ragchewing, etc). (I neglected to mention earlier that members had to sign a pledge that they would NEVER run more than 100 watts for any reason except, I believe, true emergency situations. The pledge had been a sore point with a number of people who were interested in QRP but were turned off by the pledge.)

I didn't return to ham radio until 1986, and was overjoyed to find that the QRP ARCI was now a QRP club! I started writing for the QRP Quarterly in 1988 or so, and still do. I missed out on all the fun of the fight to turn it into a real QRP club, though K3TKS and many others were there and can tell stories about it.

While K6JSS founded a club that bore the name QRP ARCI, we have K8IF, Tom Davis, to thank for its conversion into a "true QRP" club and we all owe him a tremendous debt for that. Ade Weiss used to write a regular QRP column for CQ magazine, and in 1983 he wrote an excellent piece about Toms work in making the QRP ARCI into what it is today. I asked CQ magazine for permission to reprint it; somehow it took three years from the time I got the permission until it appeared in

print (that's another story) but it finally appeared, in the October 1995 issue of the QRP Quarterly (page 6).

If anyone wants to "rejoin" the QRP ARCI and had a member number years ago, mention the fact when you write and they should be able to dig it out of the records and reactivate it. I believe that member number 59 is still active in QRP, or was a couple of years ago, but if N6MM rejoins he will take over the position of Lowest Active Member Number :-)

To join, or rejoin, write to Mike Bryce, WB8VGE; he's good in the callbook for quite a few years back, and you can also find his address in any issue of 73 magazine for about the last 8 years or so, where he writes the QRP column. He's also on e-mail via Compuserve, although not on QRP-L. Current rates are \$12 for US and \$14 for DX. That gets you a lifetime membership number and a year of the QRP Quarterly. Renewals are \$10/\$12 per year after that.

73 and Queue Our Pea DE WA8MCQ wa8mcq@bbs.abs.net

--

Mike Czuhajewski, user of the UniBoard System @ abs.net

E-Mail: Mike.Czuhajewski@bbs.abs.net

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA

Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-l@Lehigh.EDU Mon Feb 19 22:28:17 1996

From: "Harvey D. D. Hetland" <HDHETLAND@paccd.cc.ca.us>

Subject: [4477] QRP ARCI History

Message-ID: <C77D9770CE@manage.paccd.cc.ca.us>

The summary by Mike, WA8MCQ, on the history of the QRP ARCI was greatly appreciated. When I joined in 1961 the "International" was not part of the name, which is what confused me. There was an offer of free membership to the 50th member to join the club. I missed that special offer by one, receiving membership number 51 with an endorsement for 75 watts or less. I was running a tad over 50 watts at the time.

There was no newsletter at the time (at least I do not remember one) and much of the activity on the air was working other members. A certificate was given for working five members. Endorsements were given for 10, 25, 50 and 100. There may have been more. I only got to 100. The certificates were issued by K4WVX.

As noted you gave up membership whenever you ran over 100 watts, and so it was that my membership terminated when I got an old amplifier

with 811As and began chasing DX. I suspect that was somewhere in the late 1960s. My interest began again when another instructor (KA6EED) at the community college where I work started giving me copies of "World Radio" and pointed to the QRP column. He is an avid QRPer. I also wanted to show the students in the school amateur radio club that there is more to amateur radio than being a repeater vegetable and that HF was affordable, practical, fun and a good learning experience for those interested in electronics. I started building Oak Hills and NorCal (Wilderness) kits and bringing them to club meetings. They plan to run a solar powered QRP station for field day!

I am impressed with the reports of what some of you have worked in the ARRL DX contest with QRP and simple antennas. I was also QRP during the contest, but I think I had better antennas than many of you, so their efforts are very impressive. It was most enjoyable.

It is my intention to "rejoin" (if that is the correct selection of words) the QRP ARCI, which appears to have undergone some significant transformations during its 35 year history. Hope to QSO on the air.

73, Harvey, N6MM
(Faculty advisor/trustee W6BAB, Pasasdena City College)

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: N5EM@aol.com
Subject: [4486] QRP in Japan
Message-ID: <960219225055_327234799@mail02.mail.aol.com>

In a message dated 96-02-19 21:45:38 EST, you write:

>
>Does anyone have any experience getting one of these and installing
it?...How
>about on similar rigs??
>
>Thanks and 72/73 Harry KG5LO
>
>

Harry,

Once upon a time, they would actually import the -V models (ala, TS-130V) into the US. I have one of the above referenced radios. It's the 10 watt model. In Japan, they have (or at least, used to have) an HF license, beginners type, with a limit of 10 watts. Guess they felt that at 10 watts,

the newbies couldn't get out very far to cause international grief :-)
Hence, the whole line by most mfgs was also built in a ready-made QRP version. Only problem is that they never felt there were enough beautiful Americans (us) as opposed to the other type (them) to make a serious QRP market. Shame, but the numbers don't lie. People still worry about the resale value of the rice box. Oh well, my TS-130V is a prized possession with a story. If you are interested, corner me at FDI and I'll tell you.

72 and gud DX from Houston
Ed Manuel, N5EM
n5em@aol.com

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Ed DeBuvitz <edeb@indirect.com>
Subject: [4480] RS Audio Kits
Message-ID: <Pine.BSD/.3.91.960219181659.29157B-100000@bud.indirect.com>

Saw a post recently about Radio Shack 1 watt audio module kits.
Went there today and found they are clearance priced at \$4.99. Bought the last 2 they had. They are about an inch by two inches...very neat for small rigs.
Ed W5TTE

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: "Norman E. Fink" <norm@uu1238.flowerslabs.com>
Subject: [4451] TenTec MightyMite
Message-ID: <9602191228.AA21129@flowerslabs.com>

QRP-Lers,

Is anyone familiar with a rig called the "MightyMite" from TenTec? I saw one for sale at the Orlando hamfest this weekend. Didn't buy it, though, 'cause I didn't know what it was. It covered 40 and 20 meters and had a phono jack for a 12 volt power plug.

It was after 5PM, closing time for the affair, and the seller was busy loading stuff back into his truck. I was in a hurry to get home so I didn't take the time to ask him about it. I probably could have gotten the thing for next to nothing. Please don't tell me I passed up a good QRP rig!

K-2-Norm-Fink

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: DCrespy@aol.com
Subject: [4483] TS-850
Message-ID: <960219213345_148448413@emout05.mail.aol.com>

Still trying to find the pot to turn down minimum power on my TS 850 (I should call Kenwood!). While looking at the schematic I discovered that apparently Kenwood offers 10 and 25 watt final amplifier units in other markets. (The numbers on the print are X45-1480-01 for the 10 watt and X45-1470-03 for the 25.)

Does anyone have any experience getting one of these and installing it?...How about on similar rigs??

Thanks and 72/73 Harry KG5LO

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: "Bob White" <Bob_White@CCMAIL.aerosys.loral.com>
Subject: [4458] Tuesday Night Fox - W03B
Message-ID: <9601198247.AA824751078@CCMAIL.AEROSYS.LORAL.COM>

I will be running one hour later then originally posted.

FOX for 20 FEB

7110 Khz 20 Feb 22:00 EST/21 Feb 03:00 UTC for 15 minutes or until no new stations are heard, whichever is longer.

7040 Khz after 7110 run dries up until 21 Feb 00:00 EST/21 Feb 05:00 UTC.

My station is located 12 SE of Baltimore, MD.

I will be using a TS-940S at 5 watts into a 4 wavelength 40 meter horizontal loop up about 55 feet.

Lets hope for a nice opening to the west!

72,
Bob White W03B

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: paul1@wizard.ucs.sfu.ca (Paul Erickson)
Subject: [4463] ve7cqk 96 ARRL CW
Message-ID: <9602191620.AA13088@wizard.ucs.sfu.ca>

Had a good time.

Equipment: QRP + homebrew 40 and 60 foot verticals, R7

Biggest thrill: first qrp VK4

Biggest disappointment(s): No KL7's worked them on all bands during cqww

Not breaking the PY0FF pileup ;-), and not getting any JA's on 80.
Did anyone else on the list get the PY0?

ARRL INTERNATIONAL DX CONTEST 1996

Call: VE7CQK Country: Canada
Mode: CW Category: Single Operator/QRP

BAND	QSO	QSO	PTS	PTS/Q	COUNTRIES
------	-----	-----	-----	-------	-----------

160	0	0	0.0	0
80	1	3	3.0	1
40	13	39	3.0	6
20	29	87	3.0	14
15	7	21	3.0	6
10	0	0	0.0	0

Totals	50	150	3.0	27	=	4,050
--------	----	-----	-----	----	---	-------

All reports sent were 59(9), unless otherwise noted.

Equipment Description:

QRP Plus homebrew 40 and 60 foot verticals, R7.

Club Affiliation:

Soap box:

Conditions were a bit tough up here, but had fun anyway. Biggest thrill, getting first qrp VK4 on 40mtrs. Biggest disappointment, not being able to crack the PY0FF pileup with my 5watts and not getting JA's on 80. Golden ear awards to all who worked me.

*** DUPE SHEET for 80 CW ***

VE7CQK 96ARRLCW Single Operator 18 Feb 1996 2354z

KH6CC

*** DUPE SHEET for 40 CW ***

VE7CQK 96ARRLCW Single Operator 18 Feb 1996 2354z

6Y5XX JA1YDU JA1YFG JA5JCC JA7DAH JA7YAA JH4UYB JH5FXP JH7WKQ KH6CC
TI1C VK4EMM XE2EBE

*** DUPE SHEET for 20 CW ***

VE7CQK 96ARRLCW Single Operator 18 Feb 1996 2354z

AH6JF EA7KW EA8EA JA0DWY JA1JKG JA1YDU JA7JHT JA7YAA JA8YBY JH5FXP JH7WKQ
JR3NZC KH6CC KH6JHM KH6JSM KH6RS KP4VA LU4FM OH8SR OI8LQ OI8MDG P49V PJ9C
RW1ZA TI1C T05A VP2EWW XE2/K60J XE2EBE

*** DUPE SHEET for 15 CW ***

VE7CQK 96ARRLCW Single Operator 18 Feb 1996 2354z

HC2SL KH6CC KH6JHM P49V PJ9C XE2KB ZZ2E

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: "Paul (G0TXL)" <Paul@p-elliott.demon.co.uk>

Subject: [4450] Yaesu 990 QRP/ALC Circuit
Message-ID: <Y5EewCABk6JxEwU3@p-elliott.demon.co.uk>

In article <96Feb17.232229est.40063-3820+194@fidoii.cc.lehigh.edu>, qrp-
l@lehigh.edu writes

>
>Date: Sat, 17 Feb 1996 09:46:01 -0400
>From: litigate@mi.net (litigate)
>To: qrp-l@lehigh.edu
>Subject: [4395] Yaesu 990 QRP/ALC Circuit
>Message-ID: <199602171346.JAA21748@itchy.mi.net>

>
>I use my Argonaut 509 and a Yaesu FT-990 for QRP. Unfortunately, the 990 won't
>go much below 10 watts even with the drive off. I've been told that its fairly
>simple to fiddle with the alc to reduce power as far as I want. What's the
>story on this? Someone mentioned a QST write-up awhile back. Any radio-specific
>info would be appreciated. Thanks. de Rick VE9HF.

>
>*****
>* Rick Williams VE9HF *
>* 472 Broad St. *
>* Fredericton, NB *
>* E3A 5L1 CANADA *
>*****

>
>
Hi Rick,

I posted a similar plea a little while back and recieved lots of
ideas. There was an article that was posted suggesting reducing the
value of the resistor in series with the power control pot, this seems
to be the most successfull solution. I just put a standard wired
resistor across the SMD one that was on the board; can't remember the
exact value but I roughly halved the original one and can now get around
3.5W. The only side effect is that the auto ATU doesn't work below about
8W, it has been suggested that this may be the reason for the original
limitation.

I tried a few other methods such as feeding a constant D.C. into the ALC
socket, but this wasn't very stable, the output drifted from about 500mW
to 3W.

Hope this helps, If you need more detailed info, email me and I'll
gladly dig it out.

All the best

--

Paul Elliott (G0TXL) Email Paul@p-elliott.demon.co
Packet G0TXL@GB7SRC

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: rheiss@tuba.aix.calpoly.edu
Subject: [4448] Re: ARRL DX Test
Message-ID: <9602191012.AA46551@tuba.aix.calpoly.edu>

On a whim I chose my old novice rig, the HW-8, and set out to work a bit of low-band DX friday night. Both 80 and 40 were good enough for QRP contacts and the primitive receiver made listening through the fierce QRM surprisingly pleasant -- no ear-shattering pops or blasts.

The reward for rising early on saturday morning was my first two 80m contacts with Japan! Later I started scanning 20m and worked some more new ones, mostly on sunday when the pile-ups thinned out. 15m was open as well but the 40 dipole was too weak in those directions, so I took my 15m loop out of storage and set it up in the drizzle. That did the trick -- my HW-8's first DX on all four bands, no gain antennas or sunspots needed, just had to give it a try!

Band	Pwr	Antenna	QSOs	DXCC	Countries
80m	3w	marconi @30ft	4	XE KH6	JA
40m	2w	dipole @45ft	18	TI KP4 P4	XE JA FH
20m	2w	dipole @35ft	13	KH6 JA TI PJ9 P4	XE EA8 LU 6Y
15m	2w	delta @30ft	5	LU HC TI PJ9	XE

73, Rob K06KA
rheiss@tuba.aix.calpoly.edu

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [4466] Re: CW practice from a newbie perspectiv
Message-ID: <960219170111_75230.1405_HHB82-1@CompuServe.COM>

Hi, Harvey--

>> Interesting post, thank you.

Thanks. Took a while to make sure I got it right, because it's not something I think about often [g].

>> FCC for both their plain language and code groups, but the military
>> uses CODEX

That's the part I forgot to mention, so will post this reply to the list, too. That's true as far as I know, but I'd be surprised if ALL military Morse

schools use the same standard. Well, for all I know they only have one school now, but back when I was involved, and even in the mid 80's when I achieved endorsement of CODEMASTER by two Australian signals schools everybody pretty much did their own thing.

>> On the FCC Radiotelegraph Operator examinations (at least when I took
>> mine) were 20 WPM for plain language and 16 WPM for code groups at
>> the Third Class and Second Class level and 25 WPM and 20 WPM at the
>> First Class level as stated in the FCC Rules. I assumed they were
>> using PARIS

Which is, of course, the other way to approach it-- whatever calibration standard you use, you can adjust the sending speed depending on the material. An interesting aspect of this (particularly in relation to code groups) is that many codes (and many "pseudo" codes such as air defense tracking reports) are purely numeric. Presumably there is (or could easily be calculated) a separate standard number for calibration in such cases. Which leads me to my last observation, which is that CODEX is of course accurate only for five character groups!

Thanks again for the feedback...

73/72

Marshall

AA0XI/VK5FN

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Pete Meier <pmeier@sun.tir.com>
Subject: [4467] Re: Dayton Banquet, where to send checks?
Message-ID: <31286FAB.66B@tir.com>

Attention QRP'rs!! Announcing the 1996 ARCI QRP Banquet. This annual Dayton Hamvention event will be held on Friday, May 17, 1996, 7:00 PM at the

Days Inn of Miamisburg, Ohio. An appetizing sit down dinner will be followed by a special guest speaker and awarding of lots of exciting door

prizes. Advance tickets required at a 'true qrp' cost of \$13.00.

Tickets

will be available starting February 1, 1996 from Pete Meier WK8S.

Check or

Money Orders including a SASE should be made out to Pete Meier, 4181 Rural,
Waterford, Michigan 48329. See you there.

Door Prize donations needed please contact Pete Meier WK8S

Club Newsletter Editors please publish this for your readersa

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: dgf@netcom.com (David Feldman)
Subject: [4464] Re: famous W1FB/8P6EU qrp 20 mtr tranciever
Message-ID: <199602191622.IAA28749@netcom6.netcom.com>

flanders@GroupZ.net (Jerry Flanders) writes,

>

>/doesn't seem like qrp. Anyway, Doug has 2 nice qrp rigs for sale at very

>/attractive prices. I bought his now famous W1FB/8P6EU qrp 20 mtr

>/tranciever for 45 bux!

>

>I worked Doug at 8P6 whatever in the '70's. I didn't recognize his 8P6 call
>at that time, but when he gave me his stateside call, I recognized him from
>his QST fame (it was not w1fb then). He told me he was using a new solid

Back in 1972 I read the first W1FB article about his 8P6 operation. I had purchased a Ten-Tec Argonaut at about the same time, and had an opportunity to take a vacation in 8P6 land with my grandmother (I was 16 at the time). I called Doug on the phone and he was very helpful about the logistics of 8P6 operation, so a few months later details were arranged (including the same lodging, down to the same room), the argonaut and stuff were packed in a small carry-on (this was pre-weapons screening at the airports), 8P6FS was assigned to me once I was there, and I had my own QRP mini-DXpedition netting about 100 contacts mostly on 20M SSB. It was great fun, but I never took the time to thank Doug for his support and inspiration. So I say so now!

73 Dave WB0GAZ dgf@netcom.com

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [4479] Re: FS: TenTec Argosy II w/power supply
Message-ID: <2.2.32.19960219005235.00c9c4e0@public.compuserc.com>

Hi Scott,

Quick question before the information leaves you as you sell that classic Argosy II. I modified my Argosy II a few years ago similar to yours with a concentric AF/RF pot from Ten Tec. How did you get matching Argosy knobs that fit on the concentric pot that Ten Tec used on their later rigs (RF and AF gain)? I ended up getting the Scout type of knobs but always wanted to get the Argosy style ones. Any hints?

Thanks 73/72 Bob V01DRB/WA6ERB

PS: I know you are in a "weak" position but you should reconsider selling this classic - I remember Mike Bryce WB8VGE wrote a while back in his "73" QRP column that he would never give up his Argosy II and the only way it was going to get taken away was from his cold dead hands (or something gruesome like that). Anyway that article scared me enough that I decided I will never sell mine (I also made some of the Cornell Dretea WB3JZO mods that appeared in the old HamRadio and the QRP Quarterly).

At 08:59 2/19/96 EST, you wrote:

>I have for sale a TenTec Argosy II (model 525D), which is in "mint" condition.

>Radio has (2) mods performed which are both reversible, and has not altered the

>radio's stock appearance: RF gain mod, which was done and uses a dual ganged pot

>which replaced the original AF control (and original Argosy knobs where used so

>it looks factory).

>Thanks / 73's

>de Scott

> KB2GWF

>

>

```
-----
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
|                bgobrick@nlnet.nf.ca |
| Compuserve:   70466.1405@compuserve.com |
|-----
```

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996

From: TIMOTHY J PETTIBONE <tpettibo@NMSU.Edu>

Subject: [4487] Re: Monday Nite Fox Report

Message-ID: <Pine.A32.3.91.960219211252.41941B-100000@hector>

Craig:

Great job. I heard you in there but not you me (hmmm, is that good english Nils?). Got really frustrated by the qrm - counted 6 QRP-L members calling cq or working qso's within 1.5 khz of 7.040. Doesn't seem quite kosher, but then I didn't work the fox! Oh well, there's always tomorrow nite. Since my poker group meeting isn't, I'll be there.

Tim AB50U

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: mizrahi@svlhp100.scs.philips.com
Subject: [4470] RE: PCB program - research
Message-ID: <9602191902.AA06940@svln20.scs.philips.com>

Svein wrote about the PROTEL EASYTRAX:

> ...The oldest dos version is a free working
> program called EASYTRAX. I did not find a lot of "how to use" info, but I
> did not spend much time with it, after all, who wants to struggle with an
> old dos program...

The time I heard of this program was in Nuts N' Volts, and it was highly praised vs. other CAD programs in the sub \$100 category. I took the time to read sections of the text file containing the manual, but it's not really that necessary.

The program is very intuitive and produces excellent MANUAL routing. The autoroute feature is there, but it's (like many other) very primitive... My estimate is that within 2-3 hours almost anybody can learn enough to use it fairly well.

It works very well at its default VGA resolution and it outputs postscript file to your printer or drives a dot matrix if you want, in addition to the standard Gerber file.

The library supplied is comprehensive, and it's really very easy to "break" standard components and build new ones.

It supports at least 4 layers, maybe 6 (who cares) and unlimited devices up to 30" on the side, NE602 rigs were not the main concern...

The only limitation is that it cannot be used for commercial use, but for a hobbyist it's GREAT!

Protel has a BBS in the 408 area code, from which you can download this program, wish I had the number with me...

73 DE ORI AC6AN

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Allen Jones <ajones@adsnet.com>
Subject: [4482] RE: PCB program - research
Message-ID: <199602200230.UAA02003@alice.adsnet.com>

At 02:05 PM 2/19/96 EST, you wrote:

>Svein wrote about the PROTEL EASYTRAX:

>

<SNIP>

>

>Protel has a BBS in the 408 area code, from which you can download this
>program, wish I had the number with me...

>

>73 DE ORI AC6AN

>

I downloaded the program form Protel's Web Page at protel.com I believe. I
used Mecrawler to find it but didn't make a note of the WWW address.

72/3 de Allen, K9DZE

=====

Allen Jones K9DZE ajones@adsnet.com

Michigan City, Indiana EN61nq

ARCI G-QRP NorCal

=====

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

Subject: [4452] Re: QRP ARCI History

Message-ID: <Pine.SOL.3.91.960219075648.8291A-100000@utkux4.utcc.utk.edu>

Mike and all,

Having been a member of QRPARCI in the mid-60s and having for a very
short period served in an appointive office, let me add a footnote to your
succinct history of the organization.

QRPARCI has indeed evolved into the <5 watt interest and enthisasm group
we know today, owing to the efforts of the folks you have cited, plus a
great deal of subsequent effort by a large number of hams in more recent
times. (Their names are easily recognized on this list.) My own KW/m
award is in the mid-30s, using my trusty 6U8 rig.

However, when the club was formed, a 100 watt commitment was considered
radical. The availability of relatively inexpensive KW amplifiers for
CW, AM, and the newly developing SSB had taken the challenge out of amateur
communications. Those who served then were as committed as any QRPp
enthusiast today.

I served in an interim manner during one of the club's many episodes of

"political" instability. I served with good people whose dedication to reducing QRM by voluntarily never using more than 100 watts was and remains a benchmark service to amateur radio. I am not near my certificates to register some of their names, and my files from the 60s are long gone. But they deserve remembering with all the respect we accord those whose devotion to <5 watts has made QRP what it is today.

It is easy to focus our attention on the those who led the cause for what we now term "real QRP." I would like us also to remember all those who served long and diligently, even if quietly, in pursuit of less QRM and more challenge, even if today we think of 100 watts (input back then) as hardly challenging by today's standards of QRP. Likewise, we need also to remember 10 years from now those whose present quiet service to QRP/ARCI and to QRP-L (and to all the regional clubs) may all too easily be lost to memory. I hope someone is keeping good records so that we can fondly reminisce in the next decade.

Incidentally, the ARRL Newsletter has a nice write-up on FDI for the coming Dayton meeting.

-73-
LB, W4RNL

From qrp-l@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [4475] Re: QRP ARCI History
Message-ID: <28825.824773824@safety.ics.uci.edu>

another footnote to the history -

> However, when the club was formed, a 100 watt commitment was considered
> radical. The availability of relatively inexpensive KW amplifiers for

> ...Those who served then were as committed as any QRPp
> enthusiast today.

Echo from Southern California. My acquaintance with QRP ARCI came in about 1971 or so? My certificate of membership explains our purpose as use of less than 100 watts input for the betterment of amateur radio. Then, "QRPp" was the under 5 watt crowd.

I was mostly involved with my Argonaut 505 then, and my PM3A. I did go below 5 watts mostly. However, the definition of "QRP" as "less than 100 watts" was very useful at the time for reducing QRM and getting people acquainted with "less is better" at a level

most could understand. The really low power was then for the lunatic fringe :-), of which I am one! However, I was disappointed when the club changed focus. A lot, lot of hams didn't qualify anymore, and there was some loss there.

I love QRP. I love ARCI. I love Doug Hendricks and the NorCal boys. However, there is a gap today left for the 100 watt and under crowd that still aches inside me. A lot of my friends operate at the 100 watt and under level and there is nothing special for them to do with it except brag that they are "barefoot". It is certainly NOT our responsibility, but it is a hole in the hobby that is an important one. Think, if someone could catch the 100 watt operators with some imagination and encourage better antennas rather than big amplifiers and stuff. That could make the biggest dent in QRM of all, in my opinion.

Just some thoughts.

Clark
WA3JPG

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: [4473] Re: QRP Dx
Message-ID: <960219234414_74740.3166_EHB25-1@CompuServe.COM>

K3ETS wrote:

>I would be interested in hearing some nice stories about QRP DX from
>this contest weekend.

I always enjoy these DX contests, even though I don't compete in them. I just enjoy trying to work 'em with my 3 watts into my rainspout and picking up a new country or two. This weekend, with some periodic casual operating, I worked about a dozen and picked up two new ones: CT1BOH (Portugal) and IQ4A (Italy?). It gets easier late in the contest when the DX is out there calling CQ over and over just waiting for another point!

73, Craig WB3GCK

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: prvalko <prvalko@Oakland.edu>
Subject: [4465] Re: TenTec MightyMite

Message-ID: <Pine.OSF.3.91.960219114544.19193A-100000@saturn.acs.oakland.edu>

On Mon, 19 Feb 1996, Norman E. Fink wrote:

>

> Is anyone familiar with a rig called the "MightyMite" from TenTec? I saw one
> for sale at the Orlando hamfest this weekend. Didn't buy it, though, 'cause I
> didn't know what it was. It covered 40 and 20 meters and had a phono jack
> for a 12 volt power plug.

Oh geez... start kicking yourself. You just passed up a historic Ten Tec
POWERMITE. One of the very first Ten Tec rigs, circa 1970-72. That was
probably a PM-3. I know of one that sold for \$130 recently, it was in mint
condition with the original packing and box though... VERY rare.

They are pretty awful as radios go, DC receiver and such, but quite
historic and collectable to die hard QRP ops.

73 =paul= wb8zjl
collector of Ten Tecs and other fine plastics

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [4478] Re: Unbuilt HW9 kit
Message-ID: <2.2.32.19960219005232.00c92df0@public.compusult.nf.ca>

Hi Mel.

I saw a few years ago at the Dayton Hamvention what I consider British
revenge on the Colonies for leaving the fold - there in broad daylight in
front of gawking hams "Captain Kid" George Dobbs G3RJV and a band of tea
drinking G-QRPers scooped up the last remaining crates of brand new HW-9's
that some liquidator had brought to the Dayton Hamvention (no throwing these
gems into the harbour..). I believe for the next few days at Dayton the
G-QRP Club was hounded to sell off some of the booty but I believe the Black
Ship returned back to the UK loaded with the treasured HW-9's.

So be careful about asking American's for unbuilt HW-9's - WE KNOW were all
the unbuilt HW-9's went.

73/72 Bob V01DRB/WA6ERB

PS: I can't back up this story with facts and I will not copyright these
words and risk the chance of being called to a duel...

At 16:29 2/18/96 EST, you wrote:

>Hi gang,
>
>Rob in the US was on the qrp-l list recently about an unbuilt HW9 kit he had
>found!
>
>Does anyone out there in cyberland know of any others????? \$\$'s could be made
>available, or pounds or pesetas.

>72 and 73 de Me1
>
>GM6JAG@GB7EDN
>
>G-QRP Club 1283 EA-QRP Club 88 ARRL etc.

```
-----
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
|                bgobrick@nlnet.nf.ca |
| Compuserve:   70466.1405@compuserve.com |
|-----
```

From qrp-l@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: prvalko <prvalko@Oakland.edu>
Subject: [4455] Re: what a find!
Message-ID: <Pine.OSF.3.91.960219085254.10718A-100000@saturn.acs.oakland.edu>

On Sun, 18 Feb 1996, chuck adams wrote:

> What find indeed. You've generated so much green across the
> Internet you should be shot. :-) Just kidding.

Hi Chuck! Hope to meet you (again) in person this week while you are in our fair city. I talked to Walt WB8E this morning and he is up for a get-together. I understand you were a topic during the MI-QRP 2M net last wednesday night, we could generate a crowd.

Unca Walt was also up in Travesse City this wekend for the swap. He bought a couple W1FB autographed books. we also have a swap here in metro Detroit this weekend, perhaps you'll get to attend it?

I can deliver the prize Mi-QRP and ARCI coffee mugs for the fox hunt, too!

73 =paul= wb8zjl

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: Ahlgren Jukka <Ahlgren@ncsbsr02ou.ntc.nokia.com>
Subject: [4447] RE: ZZ2E ?
Message-ID: <31285D73@ncsbsr01ou.ntc.nokia.com>

>Did anyone else work ZZ2E on 15 meters today towards the end of the =
>contest? I can't find that callsign in any accessible database, and I =
>know I got the call correct.

>
>What country is Z Z 2 ..., Zed, Zed, Two..?
>
>TU ES 73,
>
>John Shuster

It may be Brazil (PY). I don't have an ITU prefix list available at the
moment,
but maybe you can find one.

73, Jukka OH6SC

From qrp-1@Lehigh.EDU Mon Feb 19 22:28:17 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [4459] Re: ZZ2E ?
Message-ID: <199602191434.HAA12169@usr3.primenet.com>

At 07:37 PM 2/18/96 EST, John Shuster wrote:

>What country is Z Z 2 ..., Zed, Zed, Two..?
>

According to the ARRL DXCC list, ZZ cross-references to Brazil. You would
normally only hear a ZZ during the CQ WPX test...same as PY.

72/73, de Roger AA7QY